

Attorney Docket No. SYN006-05

Amendments to the Claims:

This listing of claim will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1 1. (currently amended) A method of handling a transition in a group of services in a distributed
2 computing application comprising the steps of:
 - 3 determining the need for the transition;
 - 4 determining a correct group ~~proxy~~ logic shell and service proxies for the transitioned
5 group; and
 - 6 updating a group proxy, said group proxy being associated with a client that calls the
7 group, so that the group proxy contains the correct group ~~proxy~~ logic shell and service proxies.
- 1 2. (original) The method of claim 1 wherein the transition is a fail-over from one service to
2 another service within the group, the addition of a new service to the group, the removal of a
3 service from the group, or a change in group mode.
- 1 3. (original) The method of claim 1 wherein there are a plurality of clients that call the group,
2 each client having its own instance of the group proxy associated with it, and the updating step of
3 claim 1 is performed for the group proxy of each client that calls the transitioning group.
- 1 4. (currently amended) The method of claim 1 wherein the step of updating the group proxy is
2 further comprised of adding at least one service proxy, deleting at least one service proxy,

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3 swapping a group ~~proxy~~ logic shell, or reconfiguring the group ~~proxy~~ logic shell for a new group
4 mode.

1 5. (original) The method of claim 1 wherein the group is a peer group or a coordinator cohort
2 group.

1 6. (original) The method of claim 1 further comprising the steps of:
2 deregistering the group from a lookup service; and
3 after the transition is complete, registering the group, along with the updated group
4 proxy, with the lookup service.

1 7. (currently amended) A computer readable medium containing instructions for controlling a
2 computer system to perform a method of handling a transition in a group of services in a
3 distributed computing application comprising the steps of:
4 determining the need for the transition;
5 determining a correct group ~~proxy~~ logic shell and service proxies for the transitioned
6 group; and
7 updating a group proxy, said group proxy being associated with a client that calls the
8 group, so that the group proxy contains the correct group ~~proxy~~ logic shell and service proxies.

1 8. (original) The computer readable medium of claim 7 wherein the transition is a fail-over
2 from one service to another service within the group, the addition of a new service to the group,
3 the removal of a service from the group, or a change in group mode.

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1 9. (original) The computer readable medium of claim 7 wherein there are a plurality of clients
2 that call the group, each client having its own instance of the group proxy associated with it, and
3 the updating step of claim 7 is performed for the group proxy of each client that calls the
4 transitioning group.

1 10. (currently amended) The computer readable medium of claim 7 wherein the step of updating
2 the group proxy is further comprised of adding at least one service proxy, deleting at least one
3 service proxy, swapping a group ~~proxy~~ logic shell, or reconfiguring the group ~~proxy~~ logic shell
4 for a new group mode.

1 11. (original) The computer readable medium of claim 7 wherein the group is a peer group or a
2 coordinator cohort group.

1 12. (original) The computer readable medium of claim 7 wherein the method is further
2 comprised of the steps of:
3 deregistering the group from a lookup service; and
4 after the transition is complete, registering the group, along with the updated group
5 proxy, with the lookup service.